Technical Bulletin

Fork Securing Techniques for Sideshifting, Fork-Positioning and Rotating Attachments

This sheet describes recommended fork securing guidelines for forks used on Cascade Sideshifters, Fork Positioners and Rotators. Securing procedures are required to assure driver safety and prevent load and equipment damage.

Fork Locks – When moving or installing forks on the truck carriage, it is very important that the **fork locks be fully engaged** into locating slots or notches. When loads are handled under side loading conditions, or other non-recommended uses or practices, excessive upper carriage bar slot wear may result on Cascade Sideshifters. **NOTE:** Non-recommended practices are those not adhering to ASME B56-1-2000 safety standards.

If you are experiencing rapid carriage slot wear with a Cascade sideshifting attachment, contact Cascade Customer Service.

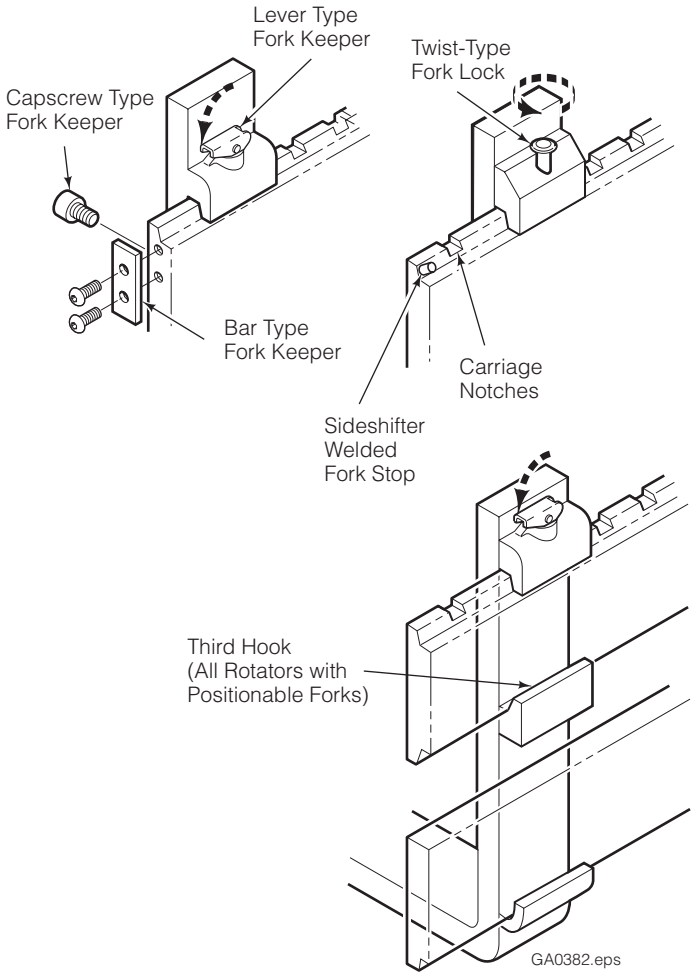
Preventive Inspection & Maintenance – To improve safety and efficiency when using forks, assure that the following preventive inspection and maintenance is performed by trained personnel:

1. Inspect the condition of the upper carriage bar slots during the next normal truck maintenance or service period. Perform weld repairs on the carriage bars as necessary.
2. Inspect on a daily basis the condition of the upper carriage bar slots and the fork locking mechanism. Replace any damaged parts.
3. Assure that fork locking pins are fully engaged in the upper carriage bar slots at all times during use. Double-check by pushing on the fork heel to assure that the fork does not disengage from the carriage.
4. Assure that fork stops are in place and functional.
5. Assure that a third hook is always installed on positionable forks mounted on rotators.

IMPORTANT: Refer to applicable Cascade *User Manual or Operator's Guide* for fork inspection kits and recommended load-handling procedures:

F-Series Sideshifter, Part No. 219941.
E-Series Sideshifter, Part No. 218197.
C-Series Integral Sideshifter, Part No. 6014809.
E & F-Series Fork Positioner, Part No. 688261.
H-Series Fork Positioner, Part No. 217665.
D & G-Series Rotators, Part No. 672714.

WARNING: Fork locks must be properly engaged in a carriage slot for safe operation. Improper engagement may result in the fork moving on the carriage and/or excessive wear to the carriage slot. Worn upper carriage bar slots may allow fork locks to become disengaged from the slot (locked position) during use, resulting in injury or equipment damage.



NOTE: This information should not be interpreted as the basis for warranty claims unless so designated.

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